PTO/SED (DB-03)
Approved for use through 7/5 V/2006, CMB 0651-8032
Schmark Office; U.S. OEPARTMENT OF COLOMENCE

Un	der the Papereo	rk Reduction Act of	1995, no per	son se ngé	red to respond	N DECORD	emailos este	as it display Anotheri	of or Docum Hy	natus muniber.
PATENT APPLICATION FEE DETERMINATION RECORD Substitute form PTO-478								Tol		86
	•	CLAIMS AS	FILED - P	ART I	SMALL ENTITY		OR	OTHER THAN SMALL ENTITY		
					R EXTRA	RATE	FEE		RATE	FEE
8AS	C FEE FR 1.15(4)						•	<b>O</b> R		6
	AL CLAIMS FR 1.1E(d)		ednya 20 •			X 6 e		OR	x ••	
	PENDENT CLAU FR 1.14(b))	48	minus 3 = *			X 5 *		<b>C</b> R	X 5 •	
MALTIPLE DEPENDENT CLAM PRESENT (CF CFR 1.14(4)						+1		OR	+se	
.10	e offennoù in o	atumo 1 is less the	n zem, erter	V is othern	TOTAL		OR	TOTAL	•	
*# the difference in column 1 to less than zoon, order '8' in column 2. TOTAL OR TOTAL OR TOTAL										
lo	13-05 (Cohumn 1) (Cohumn 2) (Cohumn 3)				SMALL	ENTITY	OR	OTHER SMALL	THAN	
· IN		CLAUMS REMAINING AFTER AMENDMENT		HIGHEST MUMBER REVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADOI- TIONAL FEE		RAȚE	ADDI- TIONAL FRE
ENDMENT	Total promising	23	Minus **	25		x s		OR	x s•	
EN	Prospendent . pr offit 1.1400	• 4	Minus **	4	_	x 3 «		OR	X 8 e	
A	FURST PRESENT	ATION OF MULTIPLE	E DEPENDIN	CLAIM (87 CF	78 6.16(20)	+1		OR	+5	
						TOTAL ADD'L FEE		OR	TOTAL ADO'L FEE	
	11-21-	(Cotumn 1)	•	(Calumn 2)	(Cotumn 3)			•		
¥	·	CLAIMS REMAINING AFTER AMENDMENT	P	HIGHEST NUMBER REVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDI- TIONAL FEE		RATE	AEGA TONAL TELE
AMENDMENT	Total profit.ings	160	Minus -	25	0.	x *		OR	x 8=	
Ä	Endagement (27 CFR 1,1403)	.2	Minus "	4	- 7	x 8=		OR	× • •/	
A	PREST PRESENTATION OF MEATIFUE DEPENDENT CLAIM (27 CFR 1.1460)					• • • •		OR	·•_/·	
						TOTAL ADOL FEE		OR	ADOY FEE	
	,	(Coherna 1)		(Cotumn 2)						
NF.	5/1/8/	CLAIMS REMADKING AFTER CAKENDMENT	F	HOCHEST MUMBER REVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDI- TIONAL FEE		RATE	ADOL- TIONAL FEE
M	Total	17/	Minus	RY	•	X5		OR.	× 4	
AMENDMENT	beforesdard GT GFR 1.1603		Mires -	- ( 0	•	X30		OR.	× 4 •	
A	PUST PRESENTATION OF MULTIPLE DEPENDENT CLASS OF ORR 1.1850)					1 .		OR	+1.	
						TOTAL ADD'L FEE		08	TOTAL ADDL FEE	7
	of the entry in a	solums 1 to less the Number Previously	in the entry in	cohem 2 wi	rentico el V el					
-	" If the Trinhed	Murcher Previously	Puid For Di	THUS SPACE	is less than 3.	enter "3". ed number found fr	the enginers	eta ben in e	octumo 1.	

The collection of Information is required by 37 CFR 1.14. The information is required to obtain or retain a benefit by the public which is to the (and by the USPTO to process) an application. Confidentially is governed by 38 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, indusing gathering, preparing, and extending the completed application form to the USPTO. Then will very depending upon the individual case. Any comments on the amount of firm you require to complete this form entire suggestions for more than the second to the 12 minutes the formation officer, U.S. Department of Commence, P.O. Box 1450, Alexandria, VA 22313-1450, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commence for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.